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PHOTOGRAPHIC INTERPRETATION REPORT

SUBMARINE SEARCH FROM KOLA PENINSULA TO VLADIVOSTOK, USSR



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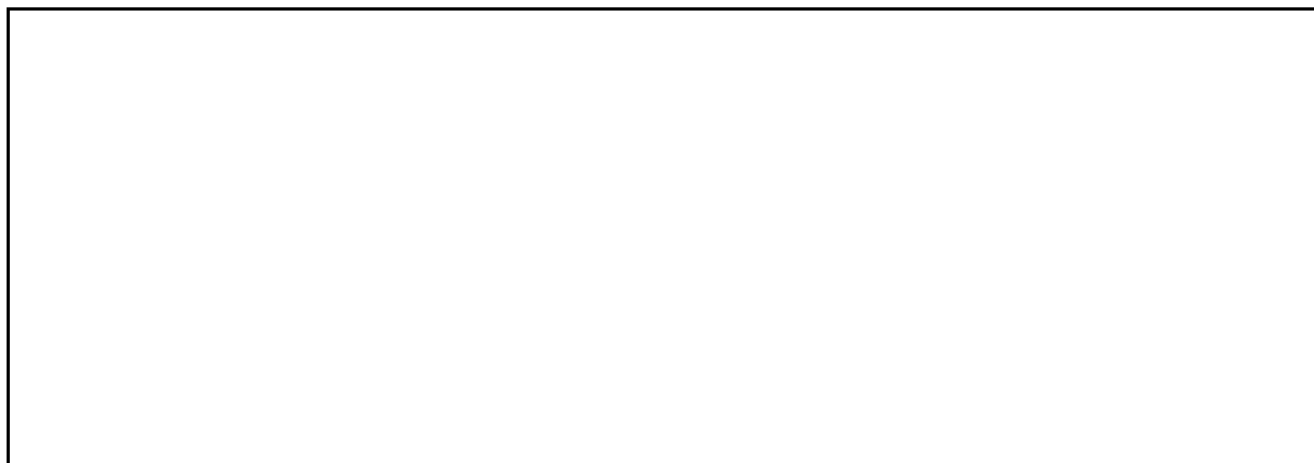
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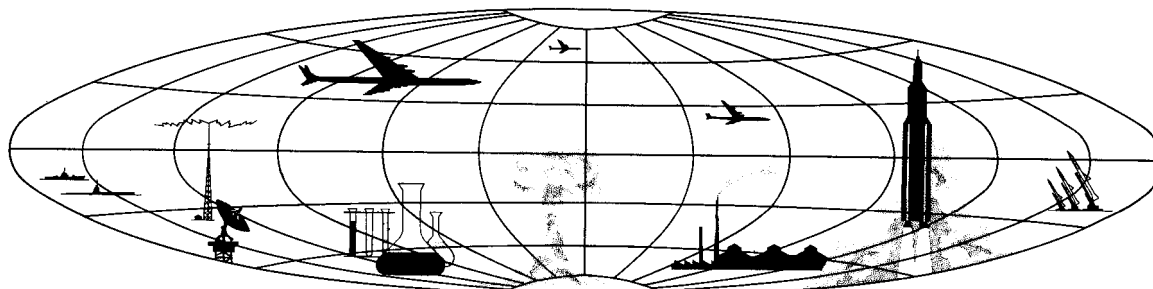


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PREFACE

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SUBMARINE SEARCH FROM KOLA PENINSULA TO VLADIVOSTOK, USSR

SUMMARY

A total of 104 submarines was observed in a search of the Arctic and Pacific coastal area of

the USSR visible on [redacted] photography [redacted]

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DISCUSSION

The entire Arctic and Pacific coastal area of the USSR that was visible on [redacted] photography [redacted] was searched for submarines of the Soviet Northern and Pacific Fleets (Figures 1 and 2). The search included known or suspected submarine bases, shipyards, ports, coastal waters, and the open sea. In addition, each area was searched for submarine pens and associated facilities.

In the Northern Fleet Area, all known submarine bases and ports plus about 85 percent of the ice-free coastline of the Arctic Ocean west of Novaya Zemlya were examined. Between Novaya Zemlya (70-00N 60-00E) and Wrangel Island (70-00N 180-00E), pack ice in the Arctic Ocean precluded the identification of submarine activity. In the Pacific Fleet Area, 11 of 14 known bases and ports plus about 45 percent of the ice-free coastline of the Pacific Ocean and the Arctic

Ocean east of Wrangel Island were examined.

A total of 104 submarines was observed in both areas: 84 in the Northern Fleet Area and 20 in the Pacific Fleet Area. It is felt that a substantially complete total of Northern Fleet in-port submarines was observed.

In Tables 1 and 2, the disposition of the observed submarines is given by specific base or geographic location within the fleet area. The count is broken down into three categories: "small" for all submarines under 200 feet; "medium" for those between 200 feet and 260 feet; and "large" for all submarines over 260 feet.

Overall, mensuration is considered to represent an optimum accuracy of ± 10 to 20 feet. In many cases, however, the exact limit of bow and stern could not be accurately established even though the image itself could be identified as a submarine.

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Table 1. Submarine Search -- Northern Fleet Area

Place	Coordinates	Mission	Submarines/Associated Activity
KOLA INLET AREA			
Dolgaya Zapadnaya Bay	69-15N 33-50E		None
Eyna Bay	69-39N 32-25E		None
Litsa Bay	69-26N 32-24E		8 large SS
Motka Bay	69-38N 32-05E		1 prob large SS 1 poss large SS
Olenya Bay	69-13N 33-23E		6 large SS 4 small SS
Pala Bay	69-12N 33-26E		1 large SS
Polyarnyy	69-12N 33-28E		7 large SS 2 poss large SS 5 medium SS 1 prob medium SS 1 small SS
Roslyakova Bay	69-03N 33-12E		1 prob large SS
Rosta	69-02N 33-04E		2 large SS 6 medium SS 3 small SS
Sayda Bay	69-15N 33-21E		8 large SS 1 poss large SS 2 medium SS
Severomorsk	69-05N 33-27E		1 large SS
Ura Bay	69-20N 32-49E		13 medium SS 4 small SS
BARENTS SEA AREA			
Bolshaya Volokovaya Bay	69-46N 32-00E		None
Kildin Island (southwest coastal area)	69-22N 34-12E		None
Pechanga	69-39N 31-22E		1 medium SS 1 prob medium SS
Ponoy	67-04N 41-07E		None
Rybachyy Island (north coast)	44-49N 50-21E		None (80% observed)
Teriberka	69-10N 35-13E		None

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Table 1. (Continued)

Place	Coordinates	Mission	Submarines/Associated Activity
Tyuva Bay	69-11N 33-38E		None
Varlamova Bay	69-04N 33-23E		None
Yokanga	68-04N 39-30E		3 poss medium SS
WHITE SEA AREA			
Arkhangelsk	64-32N 40-30E		None
Kislaya Bay	66-32N 33-06E		None; no facilities
Severodvinsk	64-34N 39-49E		1 large SS 2-3 u/i naval vessels)

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Table 2. Submarine Search - Pacific Fleet Area

Place	Coordinates	Mission	Submarines/Associated Activity
BERING SEA AREA			
Provideniya	64-23N 173-18W		None
KAMCHATKA AREA			
Akhomten Bay	52-26N 158-30E		Not observed
Bechevinskaya Bay	53-14N 159-44E		Not observed
Kommandorskiye Island	55-00N 167-00E		Not observed
Kozyrevskoye (Bajkovo) Bay	50-43N 156-12E		Not observed
Listvenichnaya Bay	52-21N 158-31E		Not observed
Magadan	59-34N 150-48E		Not observed
Medvezhka Bay	53-20N 159-55E		Not observed
Petropavlovsk/Tarya Bay	52-55N 158-30E		4 large SS (2 previously reported poss SS are reevaluated as u/i naval vessels)
Sarannaya Bay	52-45N 158-31E		None
Vilyuchinskaya Bay	52-38N 158-25E		Not observed
Zhirovaya Bay	52-35N 158-30E		Not observed
MARITIME AREA			
Abrek Bay	42-55N 132-25E		None

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Table 2. (Continued)

Place	Coordinates	Mission	Submarines/Associated Activity
Andreya Bay (and coast 100 nm to south)	48-33N 140-11E		Not observed
Boysmana Bay	42-46N 131-18E		None
Dunay	42-54N 132-21E		None
Komsomolsk-na-Amure	50-35N 137-02E		Not observed
Nakhodka	42-48N 132-54E		1 medium SS
Novik Bay	43-04N 131-54E		None
Olga	43-42N 135-20E		None
Pallady (Talava) Roads	42-36N 130-50E		None
Peschami Point	48-27N 140-11E		Not observed
Petrovka	43-07N 132-20E		2 poss large SS 1 medium SS 3 small SS
Sedimi Bay	43-00N 131-31E		None
Slavyanskiy Bay	42-54N 131-26E		None
Sovetskaya Gavan	49-01N 140-18E		Not observed
Sudzukhe Bay	42-51N 133-40E		None
Trambetskogo Point	42-51N 132-32E		None
Troitsy Bay	42-39N 131-07E		None
Uspeniya Bay	42-50N 133-32E		None
Valentina Bay	43-07N 134-20E		Not observed
Vityaz Bay	42-36N 131-10E		None
Vladimira Bay	43-55N 135-28E		2 medium SS 1 prob medium SS 1 small SS
Vladivostok/Ulis Bay	43-04N 131-55E		1 prob medium SS 2 poss medium SS 2 poss small SS
Vostok Gulf/Livadiya	42-52N 132-41E		None

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REFERENCES

PHOTOGRAPHY

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REQUIREMENTS

CIA. C-CI3-80,370

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